Manhole In	spection Summary	Manhole # S25I053MH		
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Inspection	☐ Is Incomplete Rating: 4) Poor			
Record Plat: 25	Node: <b>053</b> Status: <b>Found</b>	Insp Date: 3/17/08 10:56 AM		
Incomplete Cor	mments	Crew: <b>FW/DH</b>		
		Inspector: dhinton		
		Firm: <b>PER</b>		
Location	Address: 1301 LEMMON ST.	Cross Street: S.CAREY ST.		
Manhole	Type: Junction Location: Roadw	ay Ground Conditions: Dry		
	Prev. Rehab Weather: <b>Dry</b>	Subject To Ponding: None		
Comments				
Cover	Shape: Circular Diamete	r: <b>25.</b> (in.) Length: <b>0</b> (in.) Dist A/B Grade: <b>0</b> (in.) <b>5</b>		
	Type: <b>Sanitary</b> Condition:	Sound Cover Material: Cast Iron		
Properties:	☐ Bolted ☑ Vented ☐ Water Tig	ht Uwater Tight Insert		
Frame	Offset: <b>0</b> (in.) Condition:	ound ☐ Cracked ✓ Leaks		
Chimney / Frame Adjustment				
Condition: Sound Cracked Root Intrusion Loose Brick Deteriorated				
Infiltration:	☐ None ☐ Joint ✓ Cracks ✓ N	<mark>Iortar</mark>		
Corbel	Material: Brick	Parged Type: <b>Flat top</b>		
Condition:	Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated			
Infiltration:	☐ None ☐ Joint ☐ Cracks ✓	Mortar		
Barrel	Material: Brick	Parged		
Shape:	Circular Diameter: 42 (in.)	Length: 0 (in.)		
Condition:	Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ✓ Deteriorated			
Infiltration:	✓ None ☐ Joint ☐ Cracks ☐	Mortar Roots Wall		
Bench	Exists Material: Brick	☐ Parged		
Condition:	☐ Sound ☐ Cracked ☐ Root Intrus	sion    Deteriorated  Leaks    Debris		
Channel	Material: Brick	Parged		
Channel Exposure: Fully Open Junc Dist: 0 nearest .5 ft. Azimuth: 0				
Condition:	☐ Sound ☐ Cracked ☐ Root Intrus	sion   Deteriorated  Leaks   Debris		
Steps	Count: 5 Missing: 0 Corrode	<u> </u>		
Surcharge	✓ Evidence Of Surcharge Depth:	3 (ft.) ☐ Active Surcharge Present		

## Manhole # \$25I\_\_053MH

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**Location View** 



Defect 1



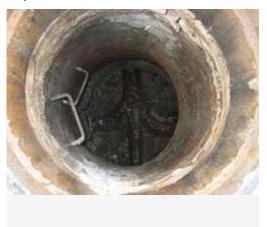
Corroded steps

Defect 4



MISSING MORTAR AND CRACKED BRICKS WITH EVIDENCE OF INFILTRATION AT THE CHIMNEY

Top View



Defect 2



Lid -frame infiltration

Defect 5



**EVIDENCE OF SURCHARGE ON STEP** 

Manhole # S25I\_\_053MH

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Defect 3



DETERIORATED BARREL WITH DEBRIS ON BENCH

#### Manhole # S25I\_\_053MH

12 O'Clock Outflow

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# 8 in. Circular Gravity Sewer Pipe Out @ 12 OClock



Pipe Height: 8.4 (in.) Rod and Bar (Angled)

Pipe Material: Clay

Invert Depth: 9.85 (ft.) Flow Characteristics: Fast

Deposits:  $\subseteq$  None  $\subseteq$  Mud  $\subseteq$  Sludge  $\subseteq$  Debris  $\subseteq$  Grease

Silt Depth: **0** (in.) Deposits Extent:

Infiltration: None Pipe Seal Cond: Unknown

Drop: None

Connects To: Manhole

Possible Illicit Connection

#### 8 in. Circular Gravity Sewer Pipe In @ 3 OClock



3 O'Clock Inflow

Pipe Height: 8.4 (in.) Rod and Bar (Angled)

Pipe Material: Clay

Invert Depth: 9.52 (ft.) Flow Characteristics: Fast

Silt Depth: **0** (in.) Deposits Extent:

Infiltration: None Pipe Seal Cond: Sound

Drop: **None** 

Connects To: Manhole

☐ Possible Illicit Connection

Manhole # S25I\_\_053MH

6 O'Clock Inflow

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8 in. Circular Gravity Sewer Pipe In @ 6 OClock



Pipe Height: **8.4** (in.) Rod and Bar (Angled)

Pipe Material: Clay

Invert Depth: 9.43 (ft.) Flow Characteristics: Fast

Deposits: ✓ None ☐ Mud ☐ Grease ☐ Debris ☐ Grease

Silt Depth: **0** (in.) Deposits Extent:

Infiltration: None Pipe Seal Cond: Sound

Drop: None

Connects To: Manhole

Possible Illicit Connection

6 in. Circular Gravity Sewer Pipe In @ 9 OClock





Pipe Height: 6 (in.) Rod and Bar (Angled)

Pipe Material: Clay

Invert Depth: 9.35 (ft.) Flow Characteristics: None

Deposits: ☐ None ☐ Mud ☑ ☐ Debris ☐ Grease

Silt Depth: 0.25 (in.) Deposits Extent: Light

Infiltration: None Pipe Seal Cond: Unknown

Drop: <b>None</b>		

Connects To: House connection / Service

line

Possible Illicit Connection